

FIG. 1

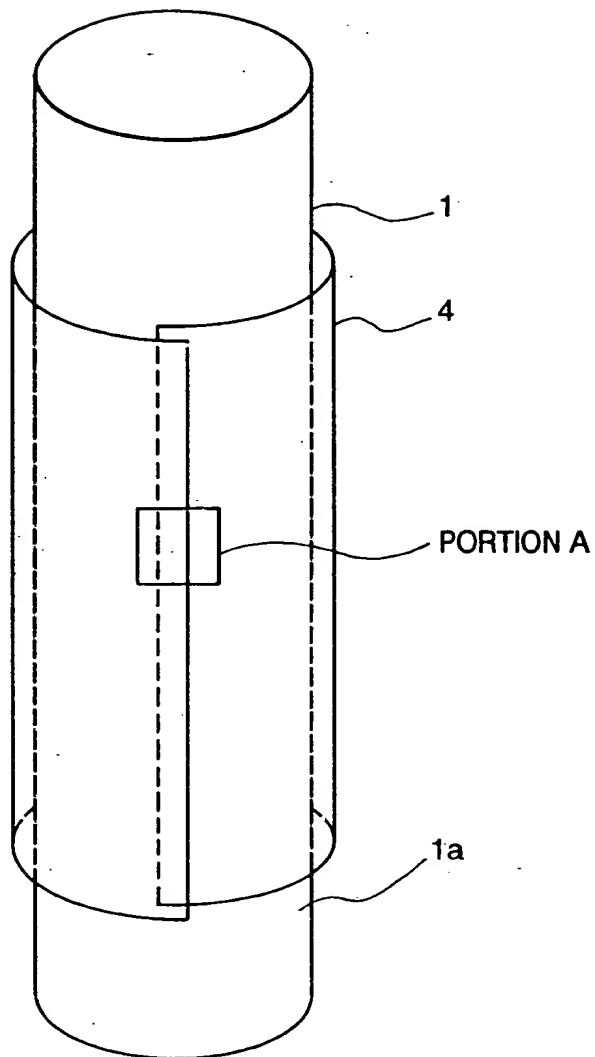


FIG. 2

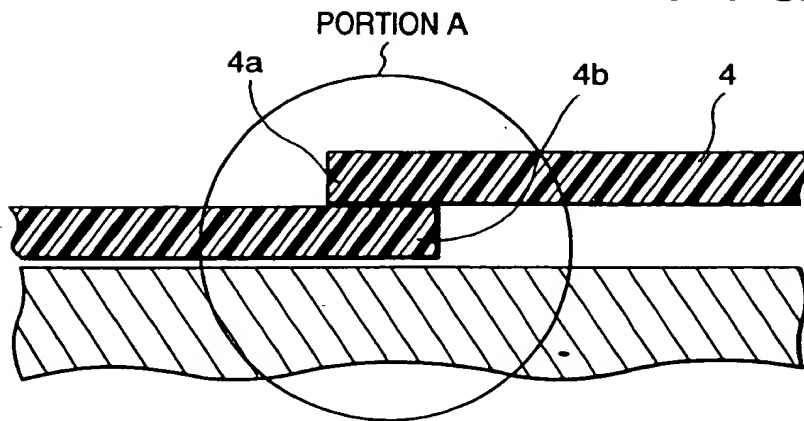


FIG. 3

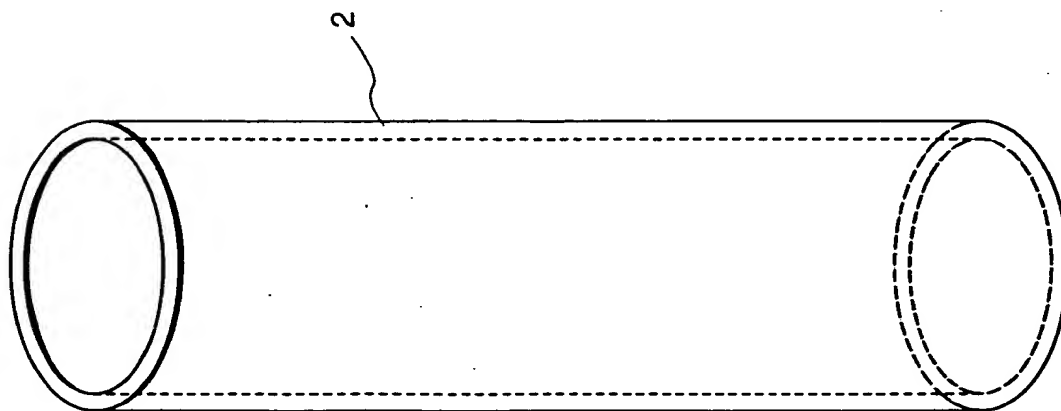


FIG. 4

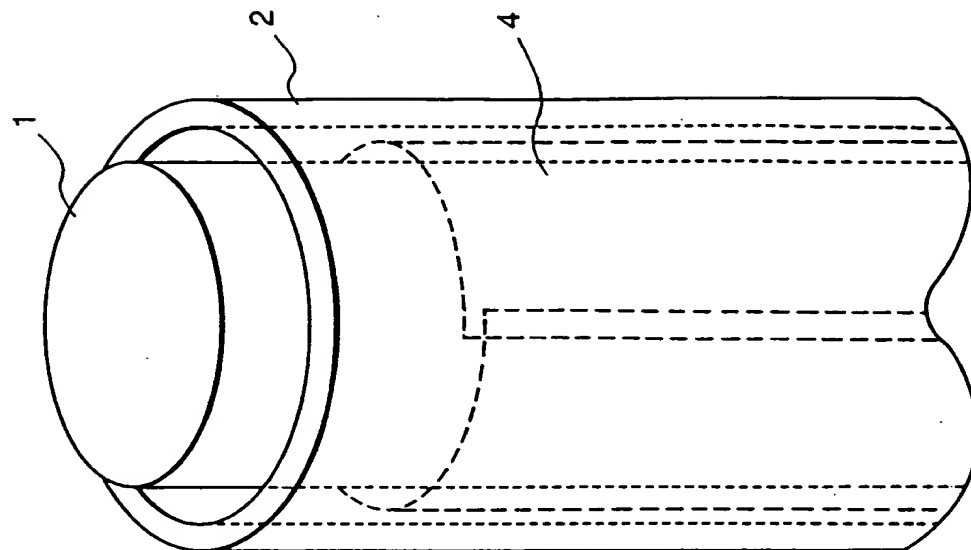


FIG. 5

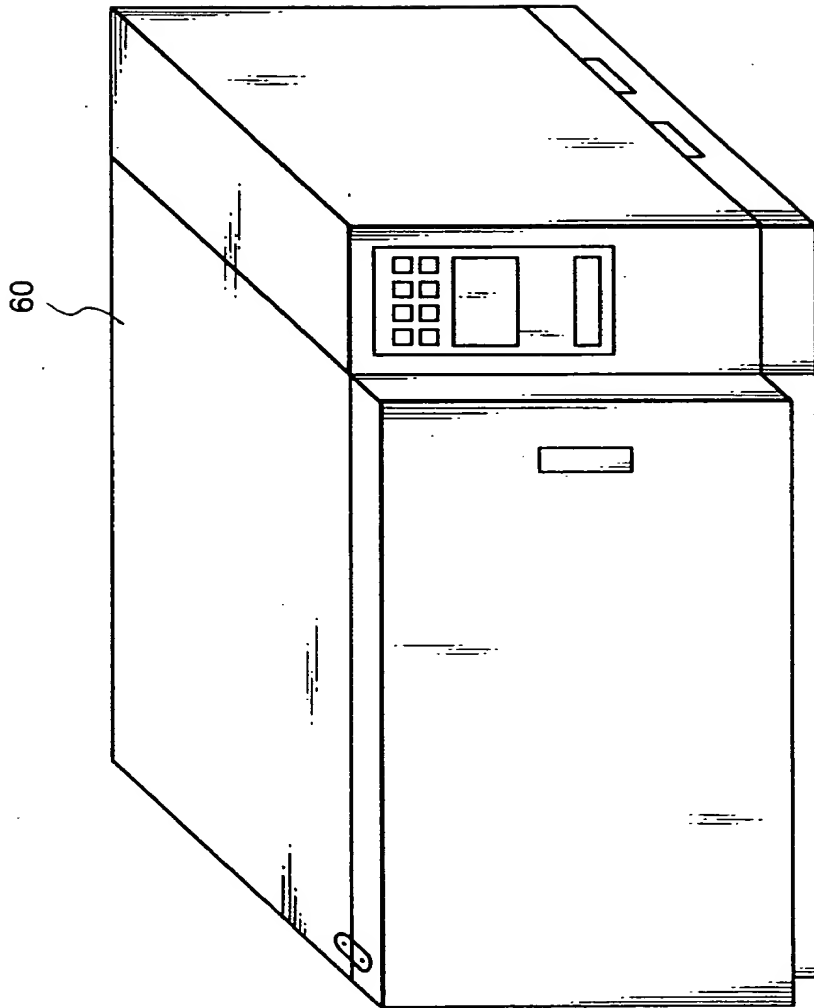


FIG. 6

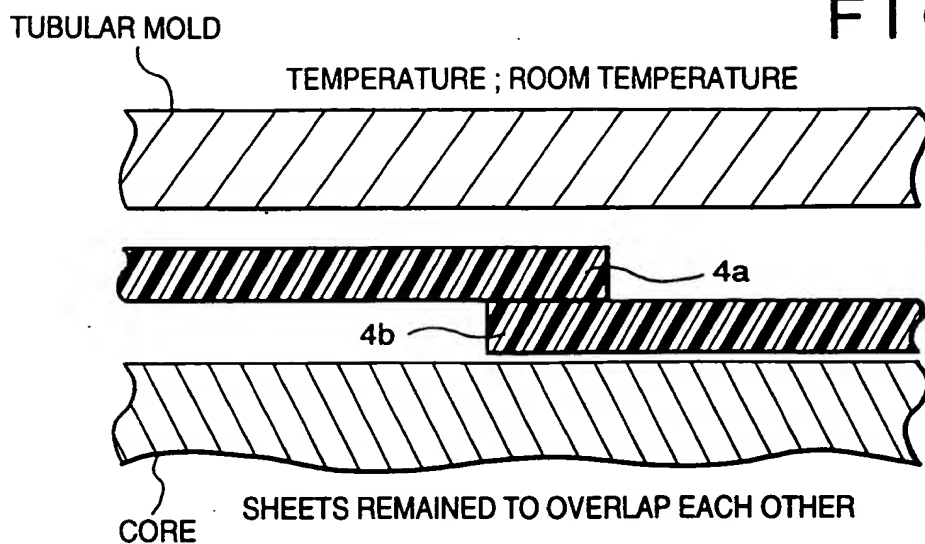


FIG. 7

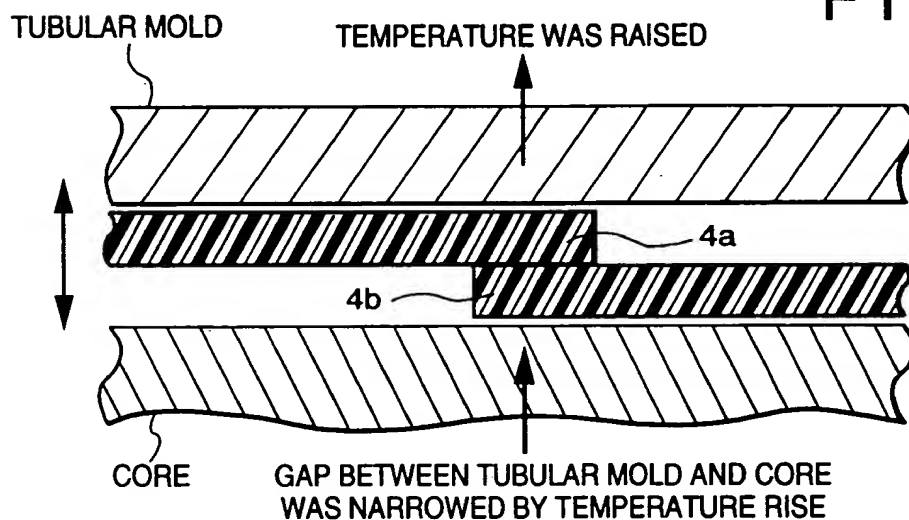


FIG. 8

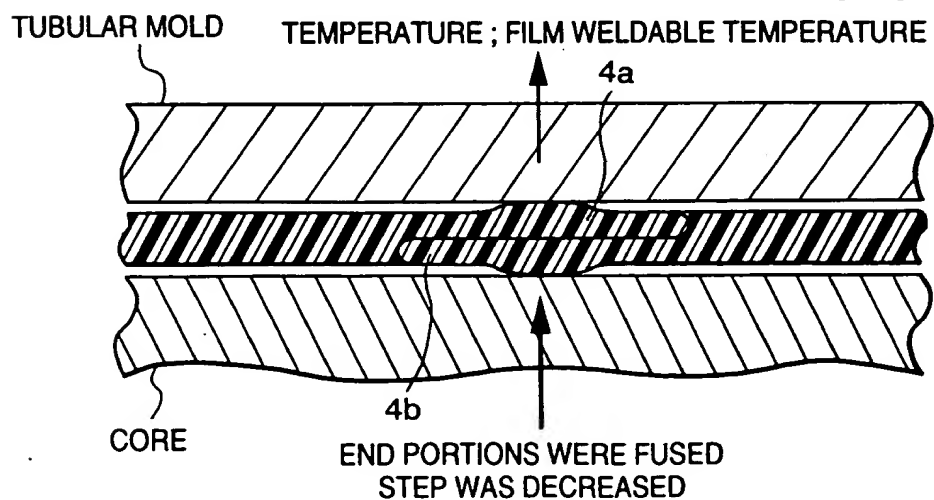


FIG. 6

FIG. 9

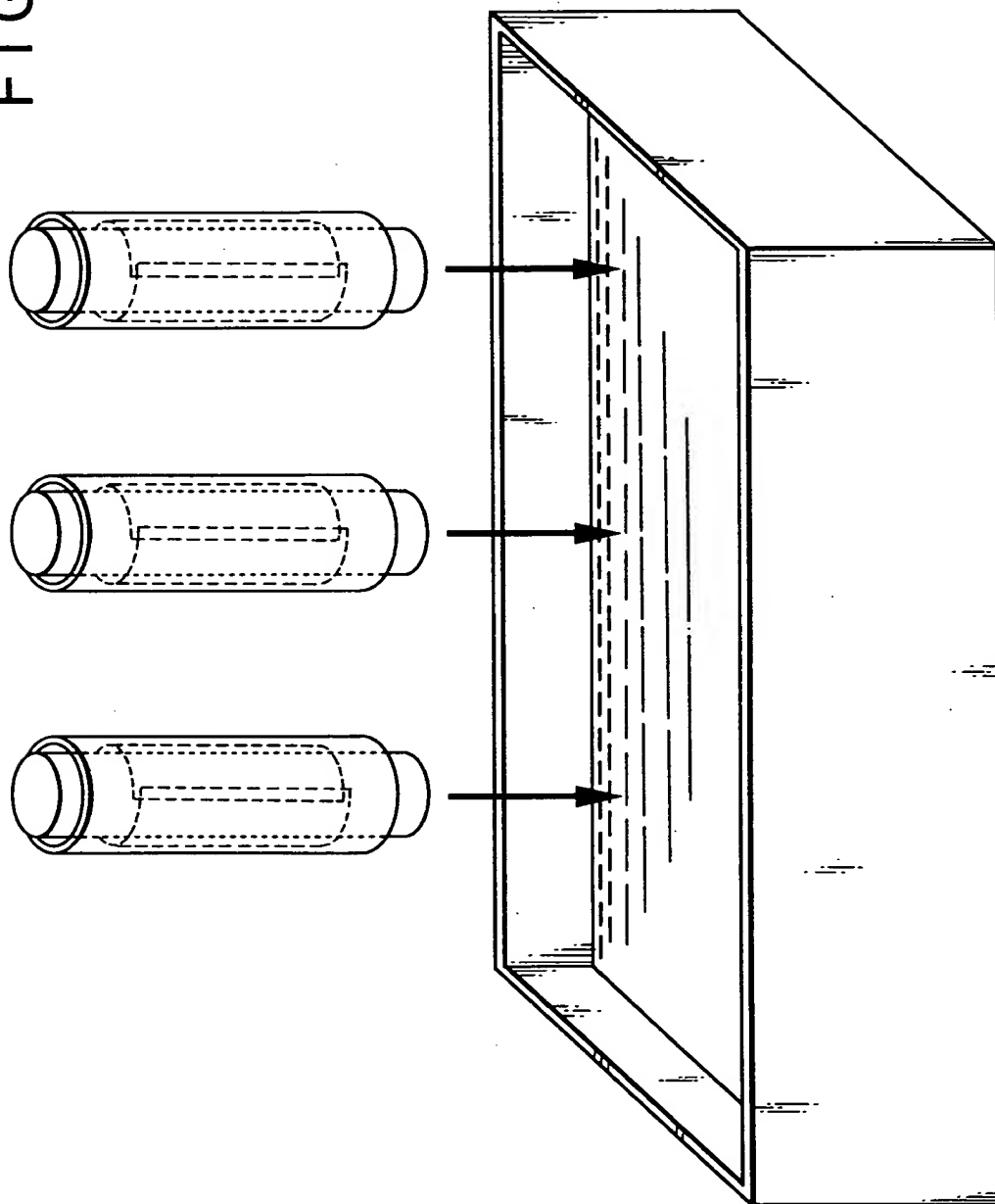


FIG. 10

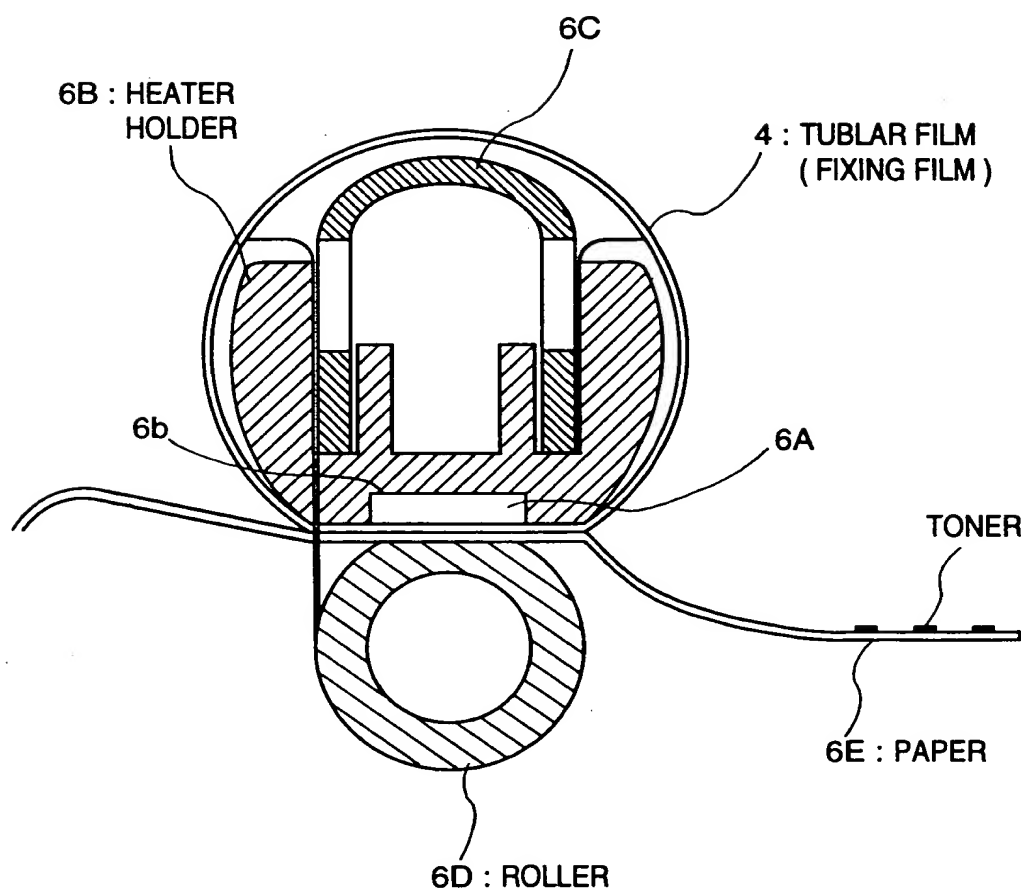


FIG. 11

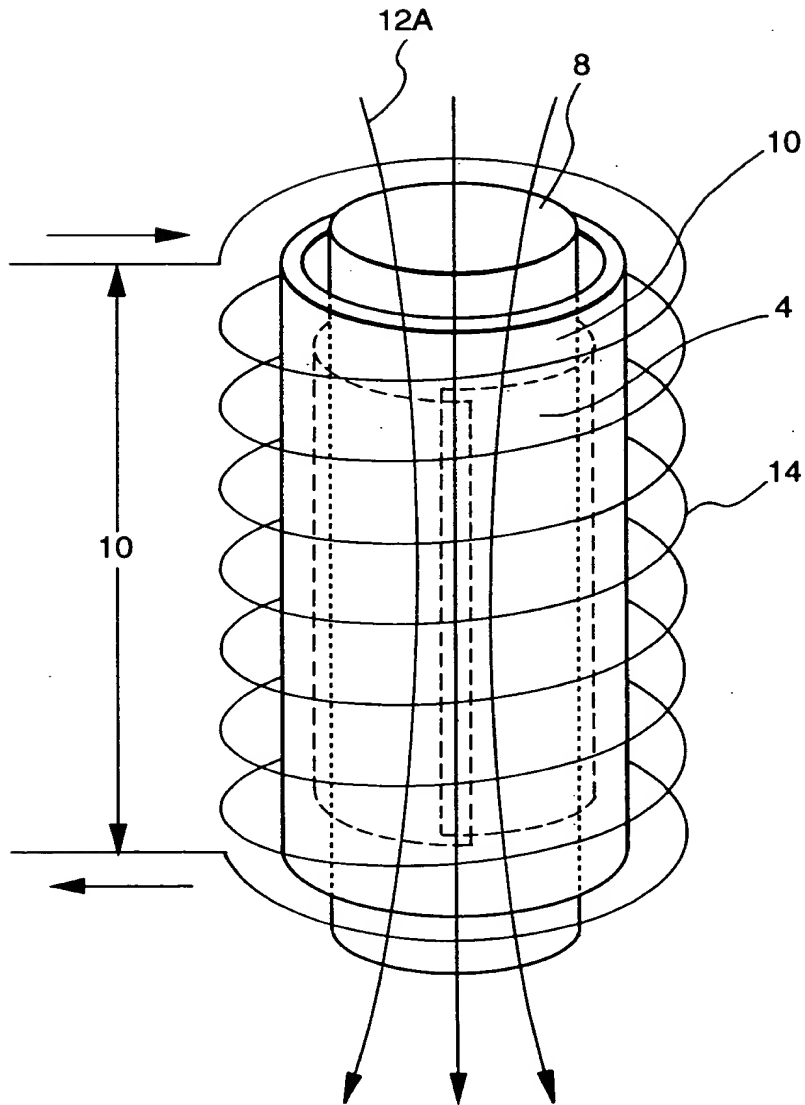


FIG. 14

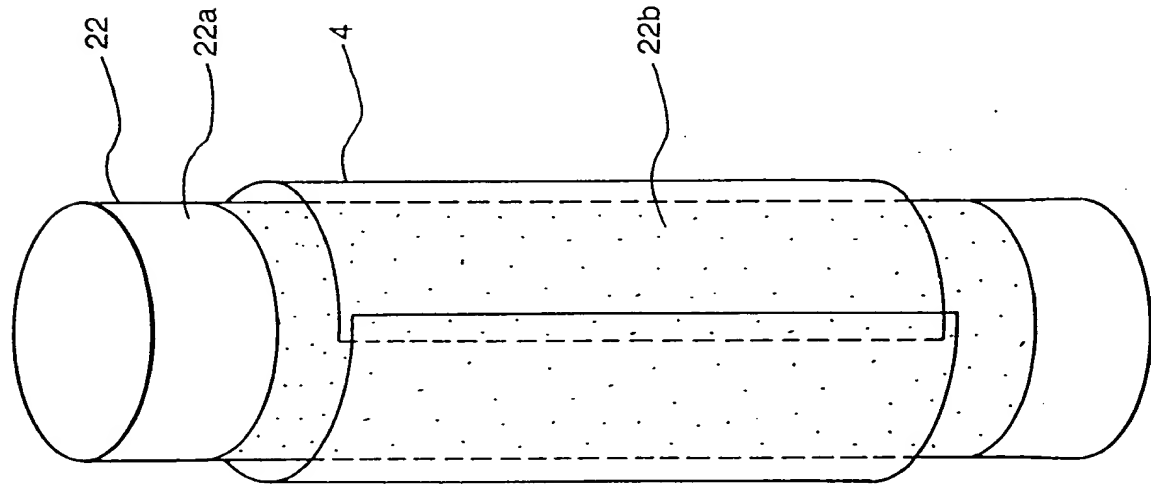


FIG. 15

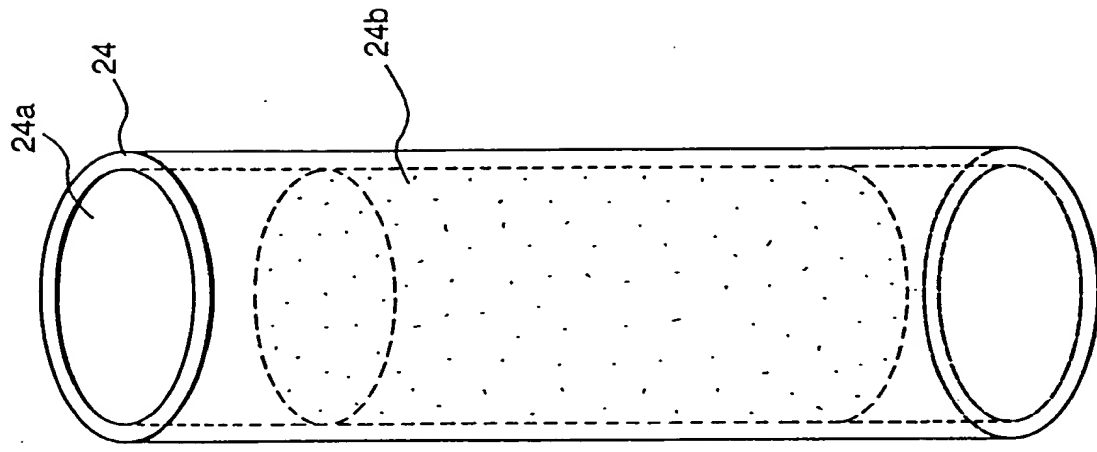




FIG. 12

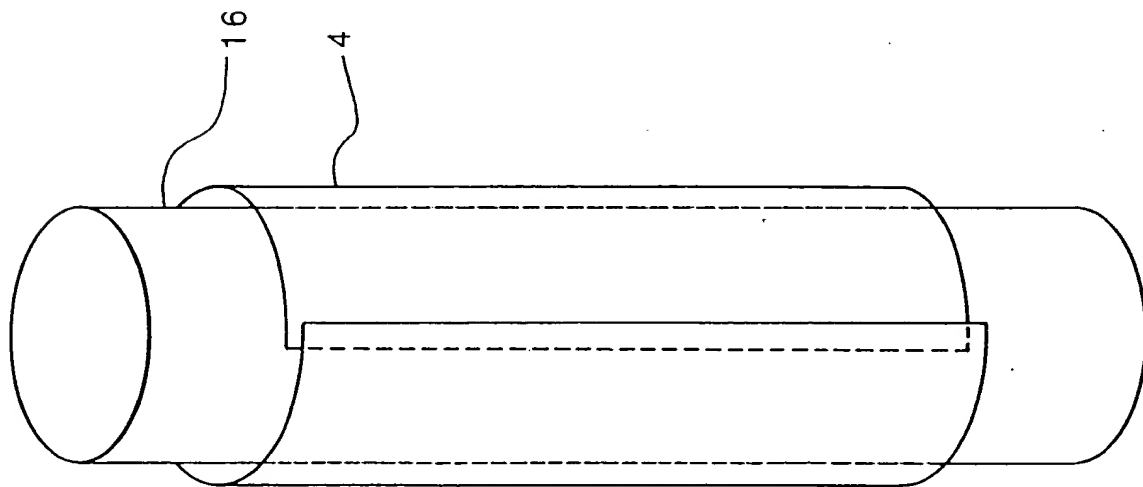


FIG. 13

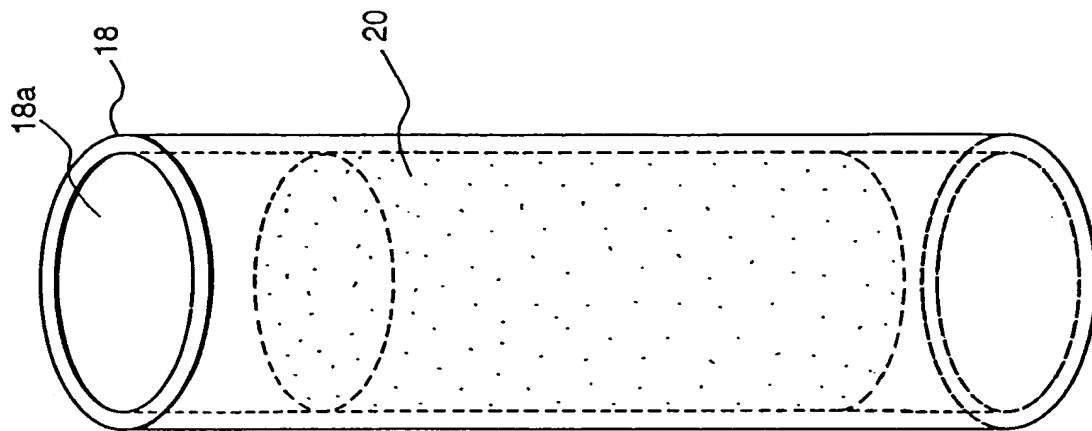


FIG. 16

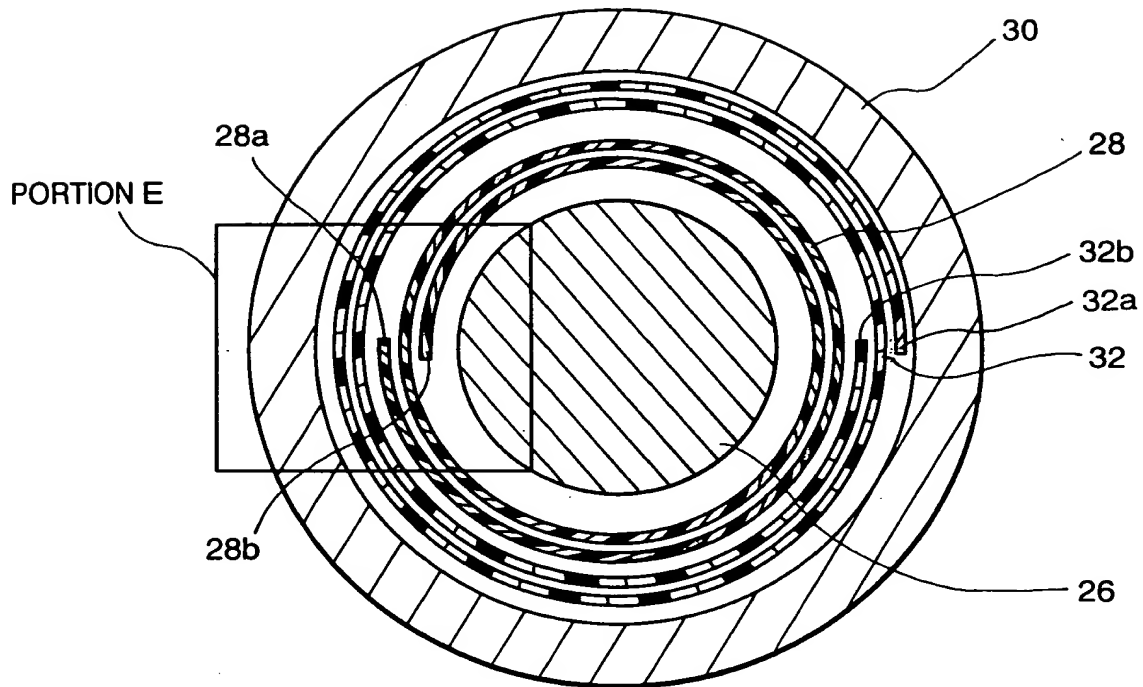


FIG. 17

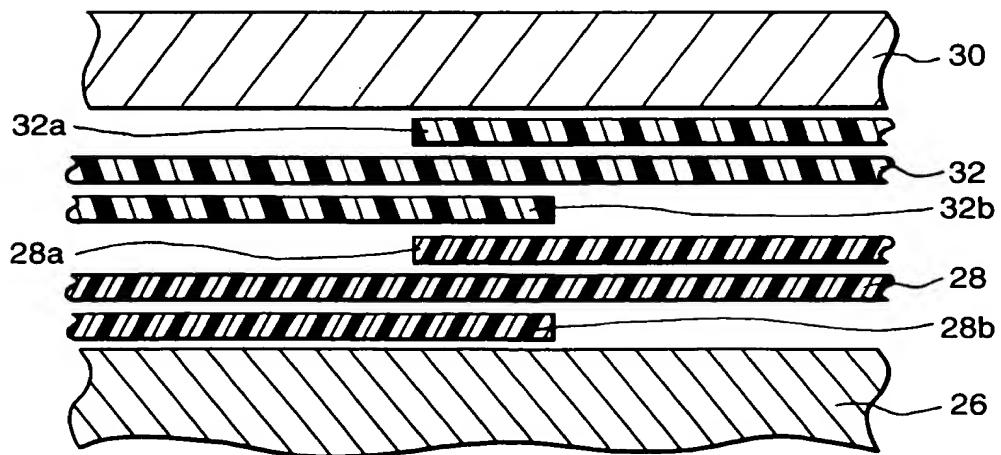


FIG. 18

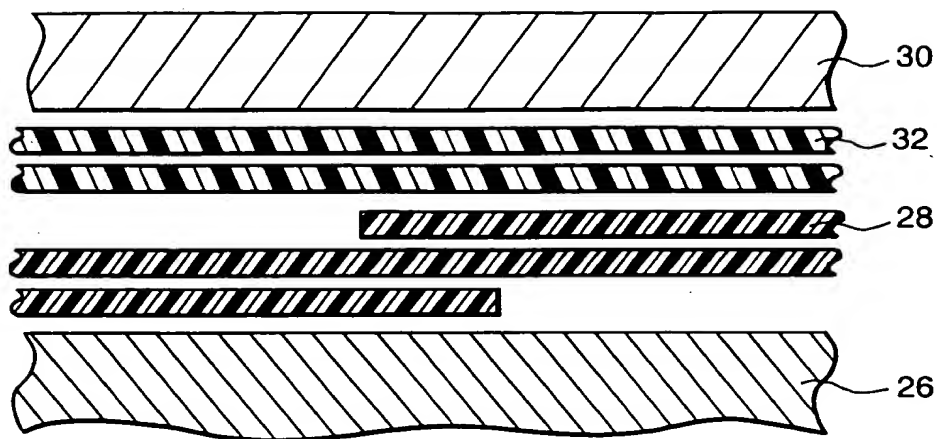


FIG. 19

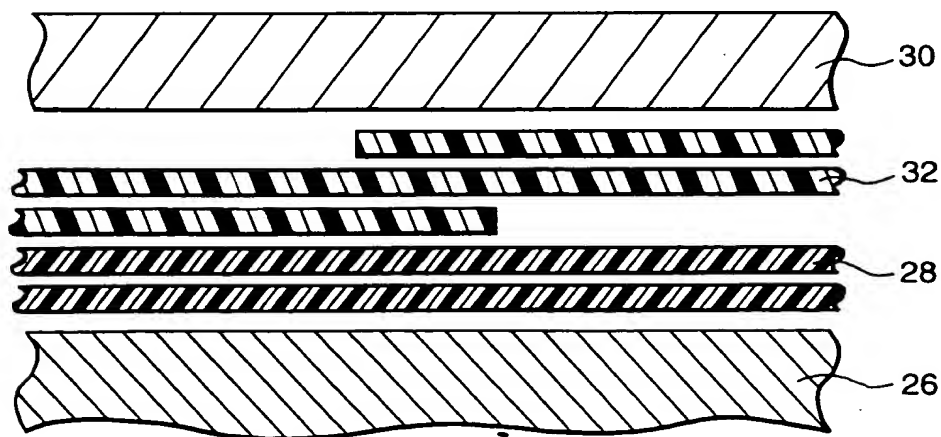


FIG. 20

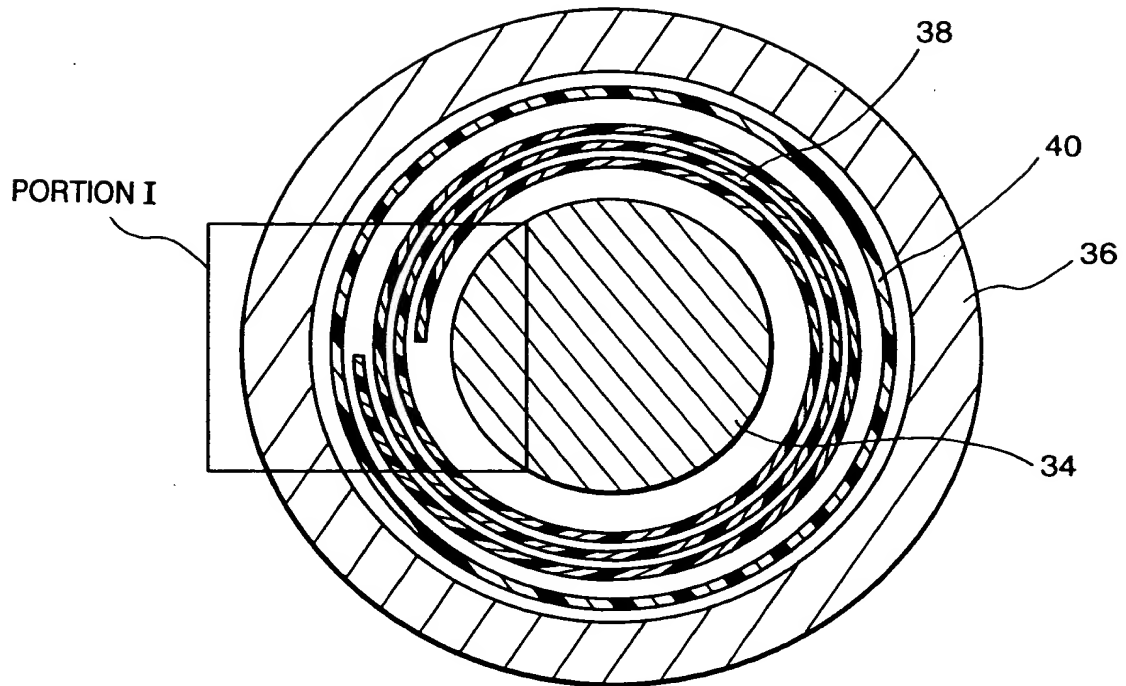


FIG. 21

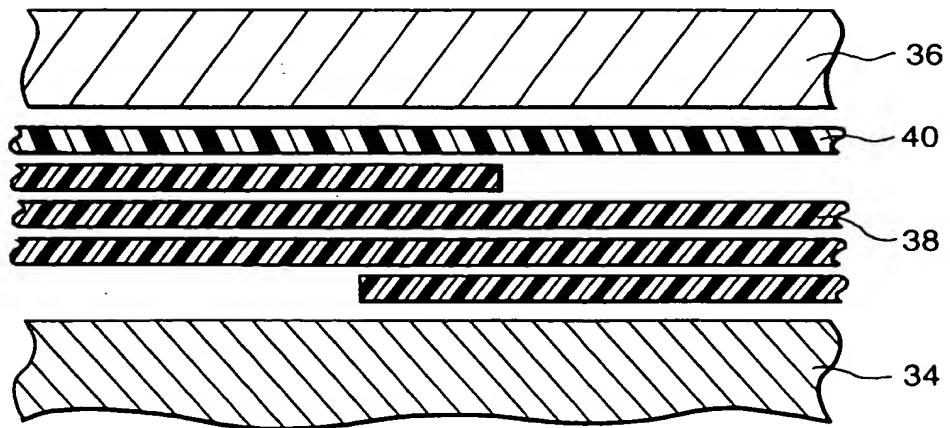


FIG. 22

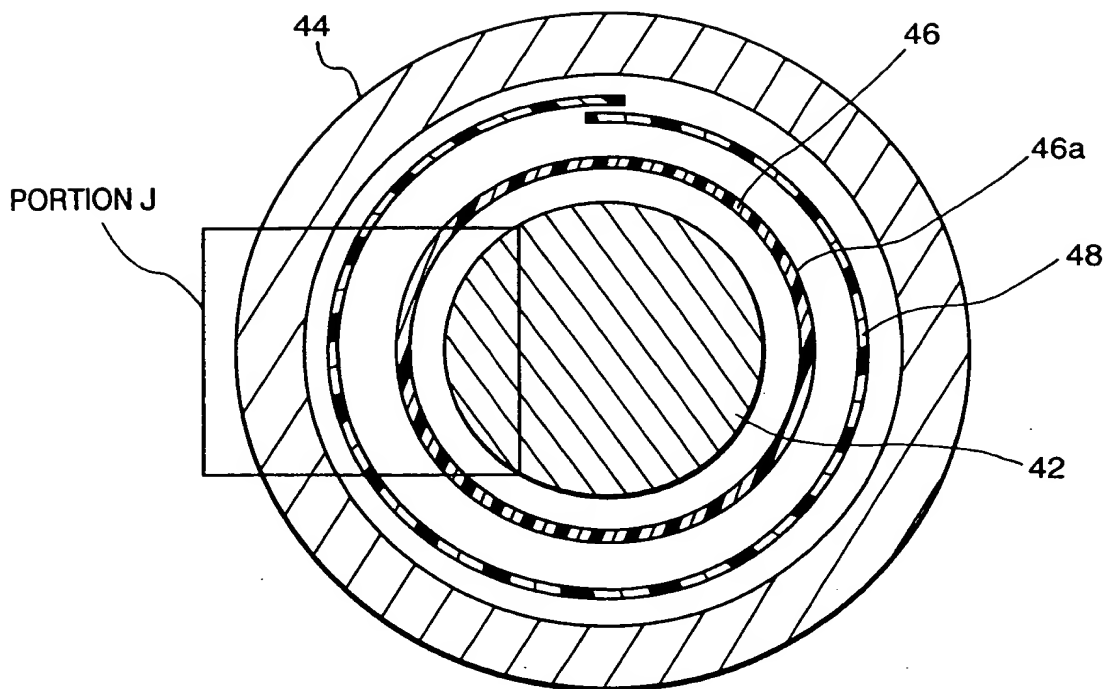


FIG. 23

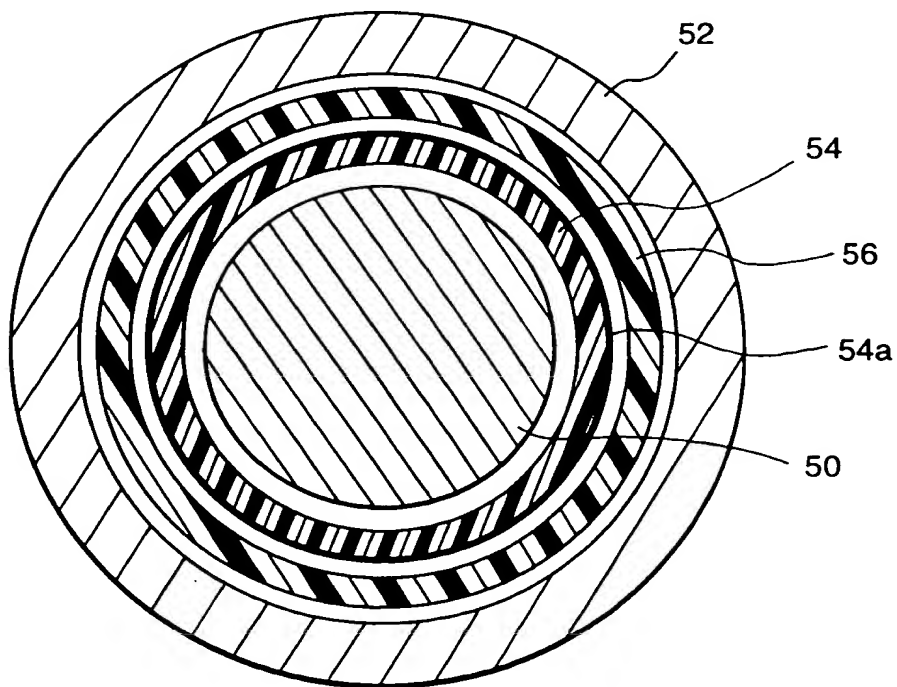


FIG. 22

FIG. 24

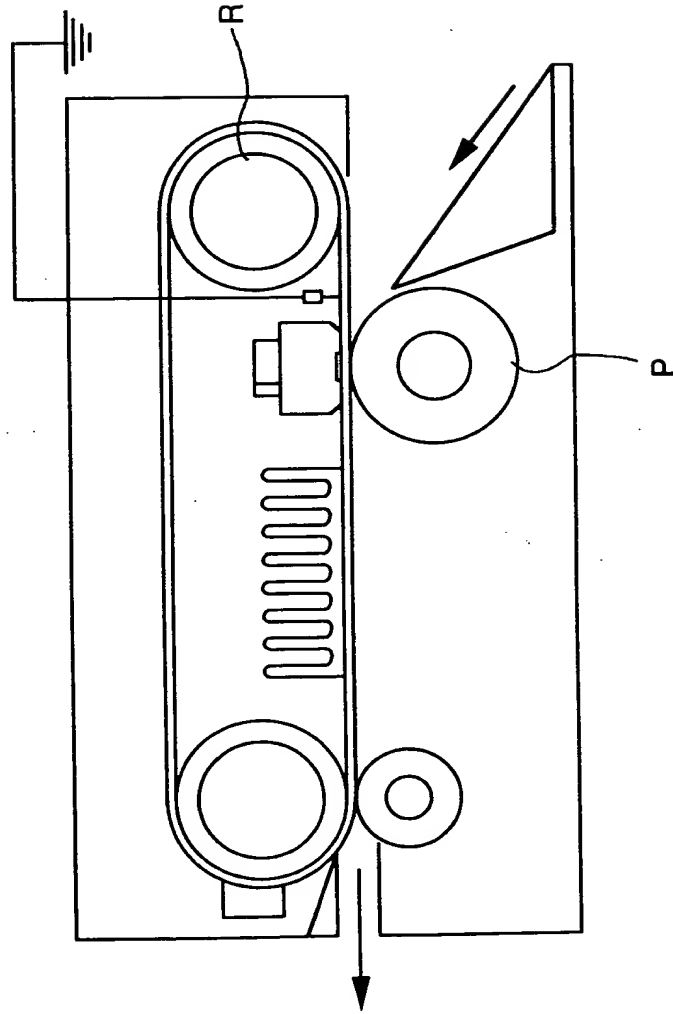


FIG. 25

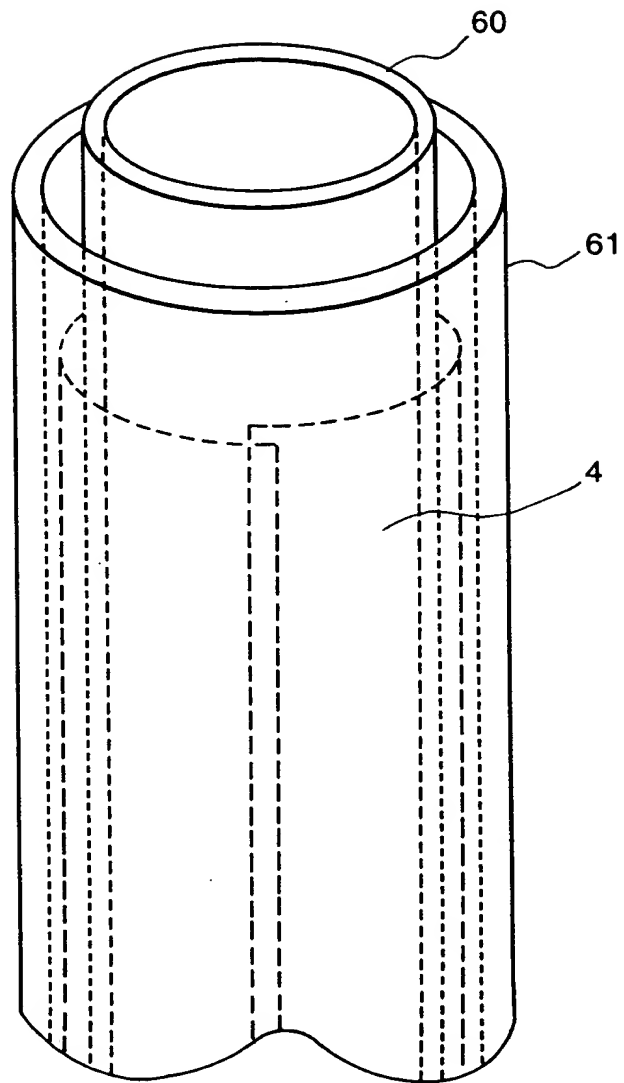


FIG. 26

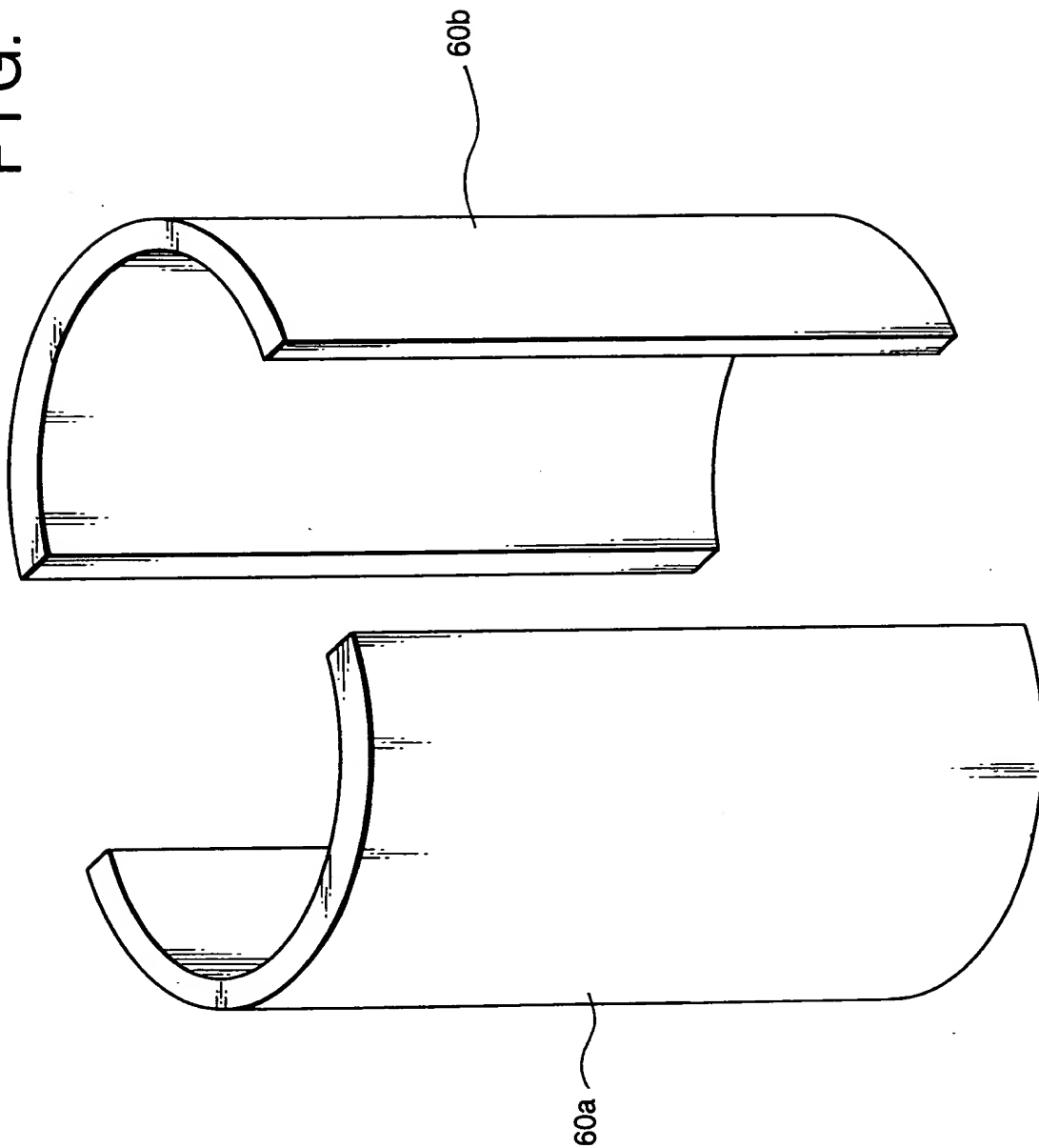




FIG. 27

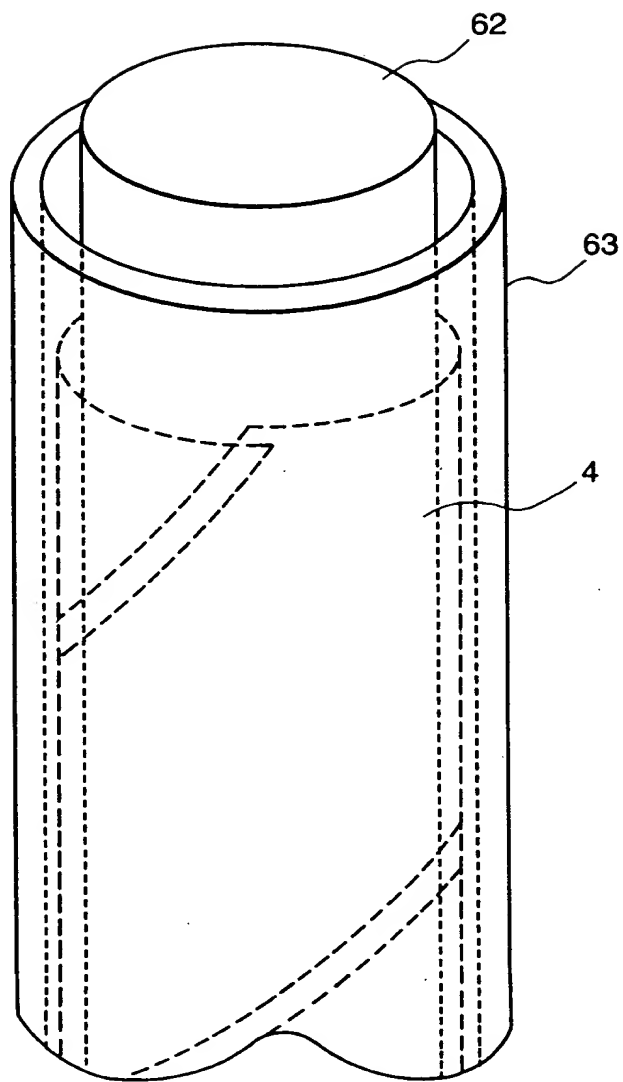


FIG. 28

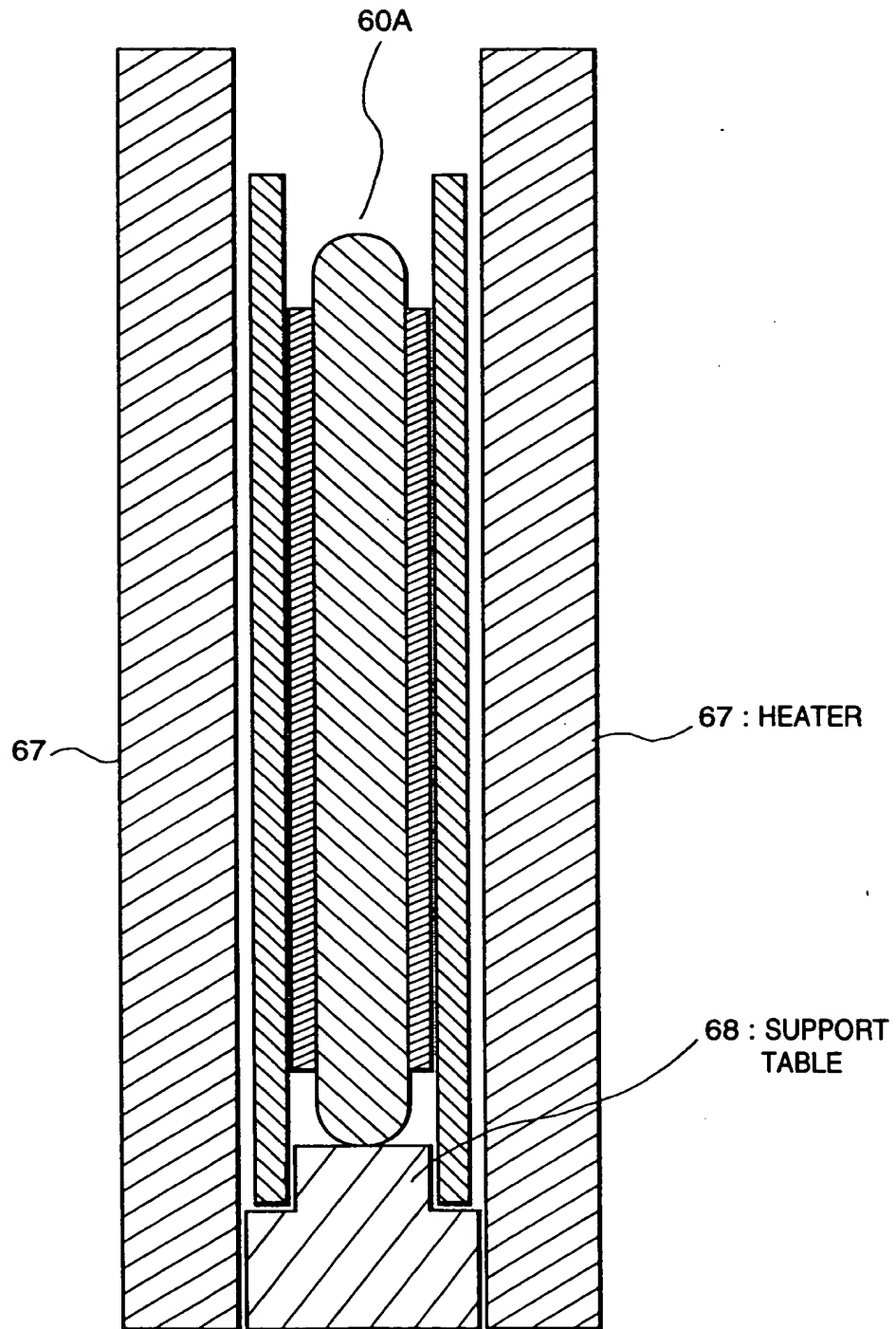


FIG. 29

No	COLUMNAR MEMBER	THERMAL EXPANSION ( $1/^\circ\text{C}$ ) COEFFICIENT	TUBULAR MOLDING MEMBER	THERMAL EXPANSION ( $1/^\circ\text{C}$ ) COEFFICIENT
1	AL	$2.4 \times 10^{-5}$	STAINLESS STEEL	$1.5 \times 10^{-5}$
2	AL	$2.4 \times 10^{-5}$	GLASS	$5.5 \times 10^{-7}$ (QUARTZ) $9.9 \times 10^{-6}$ (SHEET GLASS)
3	PTFE	$10.0 \times 10^{-5}$	STAINLESS STEEL	$1.5 \times 10^{-5}$
4	PTFE	$10.0 \times 10^{-5}$	AL	$2.4 \times 10^{-5}$
5	PTFE	$10.0 \times 10^{-5}$	GLASS	$5.5 \times 10^{-7} \sim 9.9 \times 10^{-6}$

FIG. 30

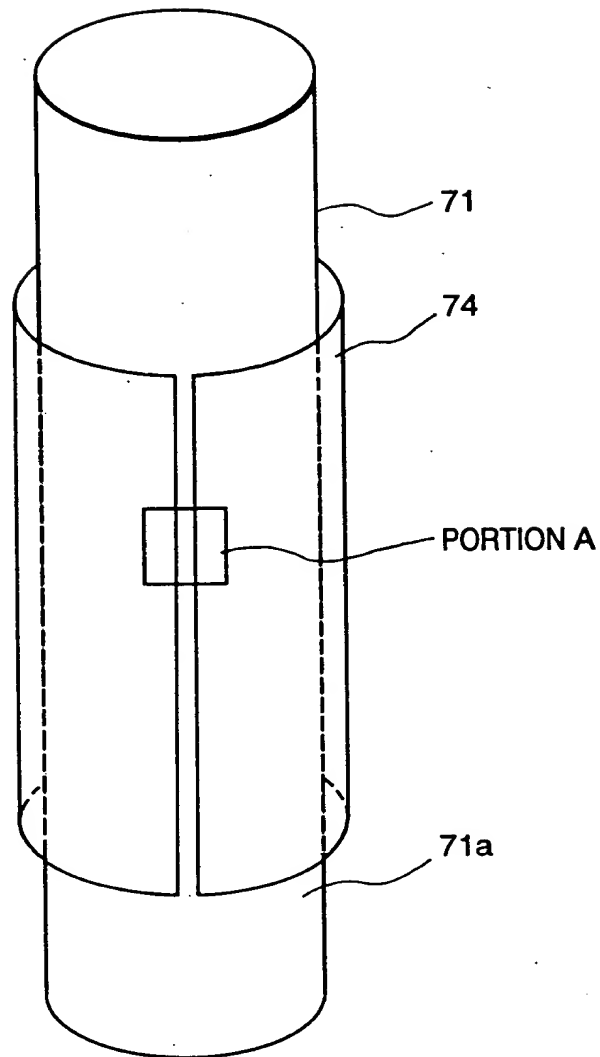


FIG. 31

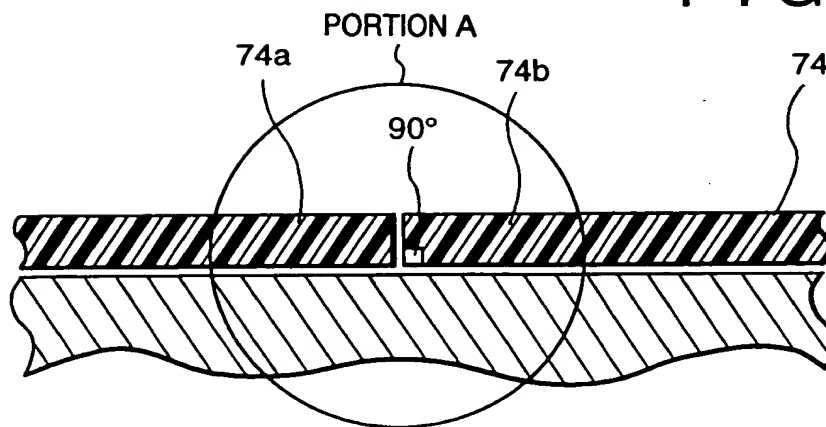


FIG. 32

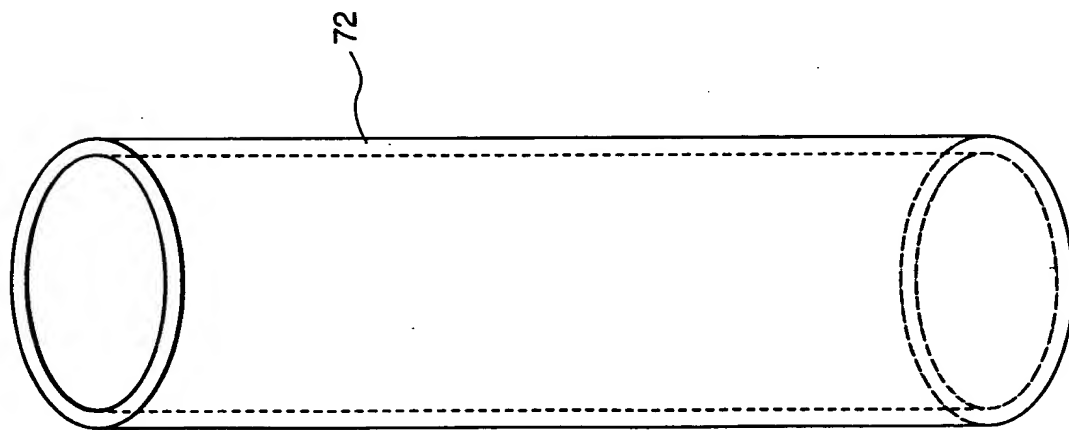


FIG. 33

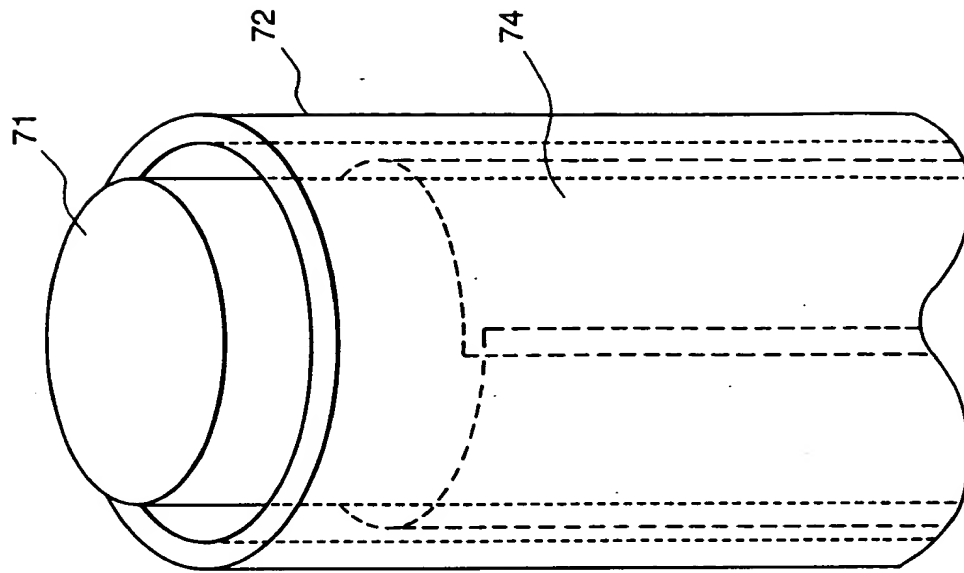


FIG. 34

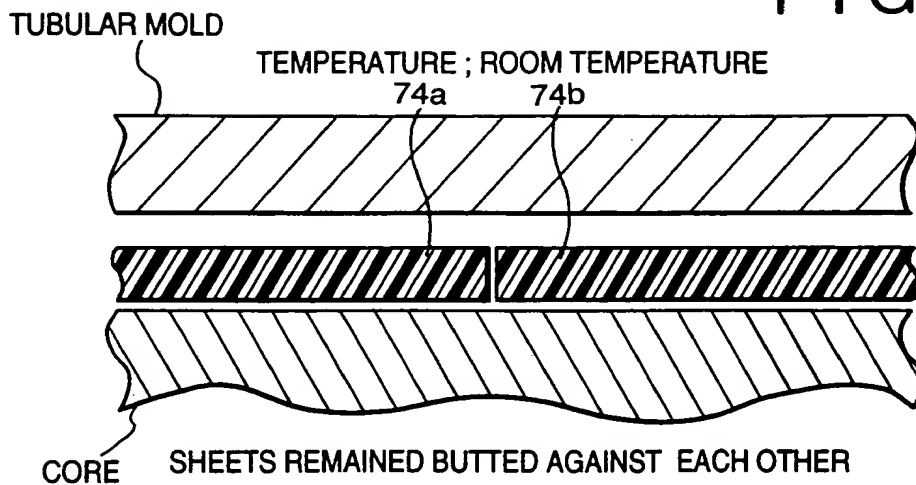


FIG. 35

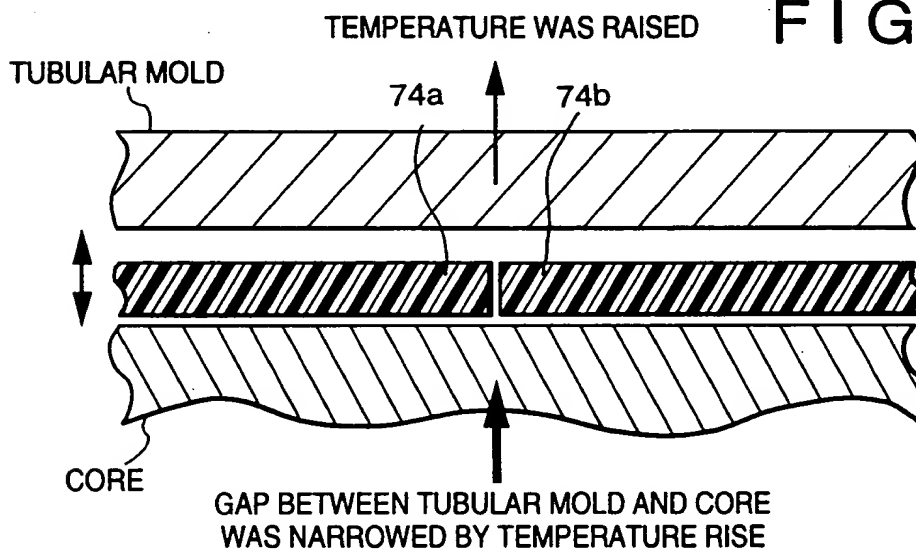


FIG. 36

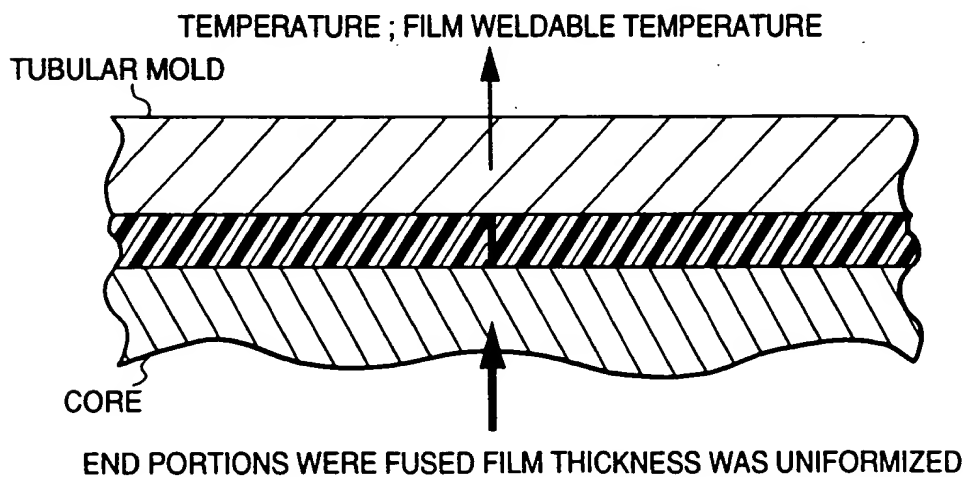


FIG. 37

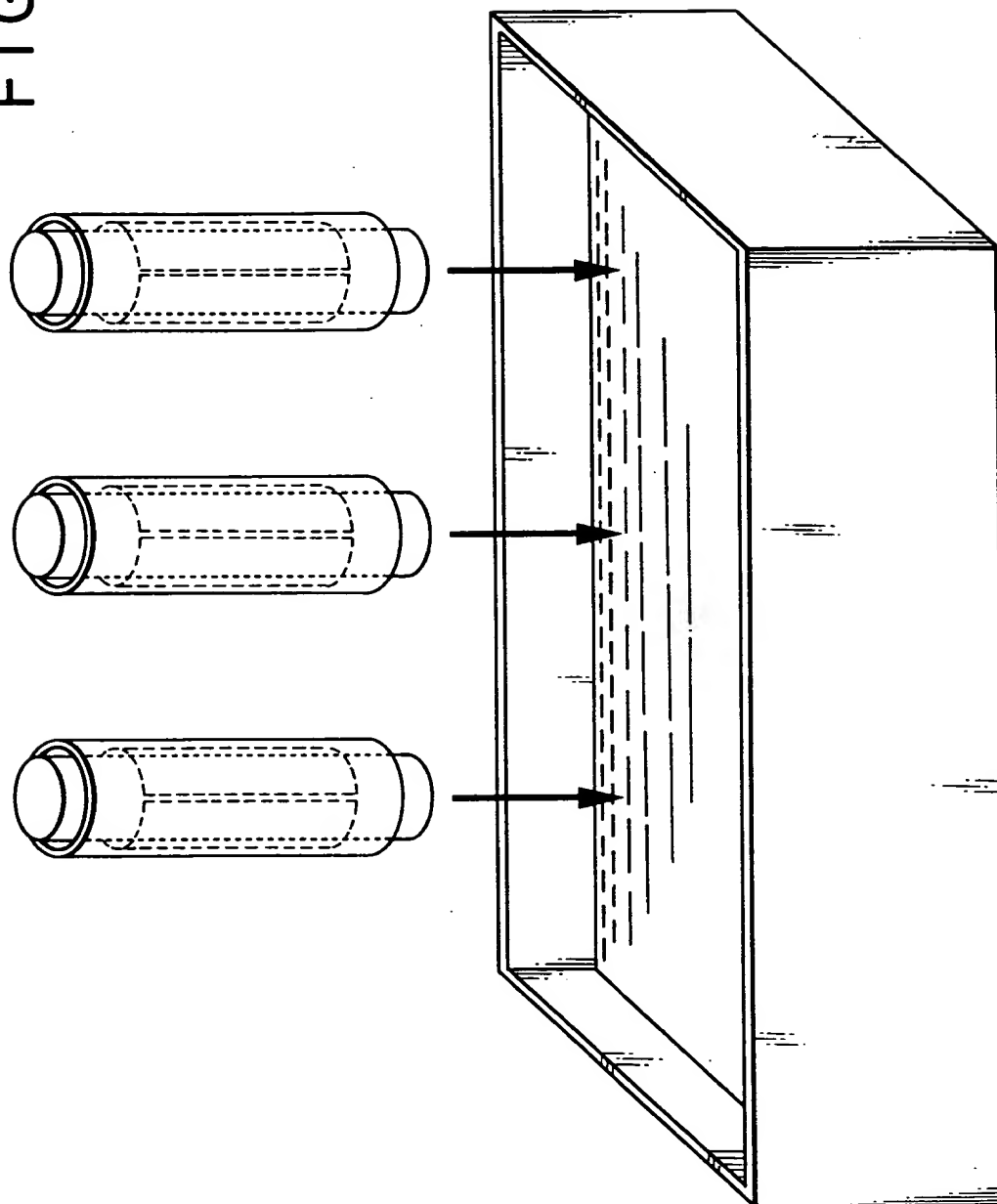


FIG. 37

FIG. 38

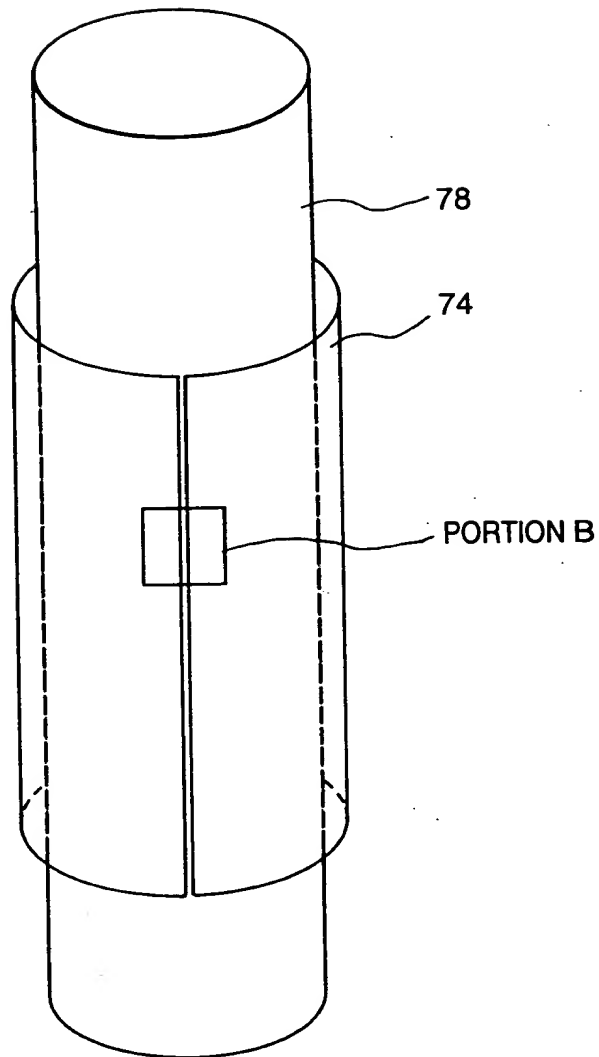


FIG. 39

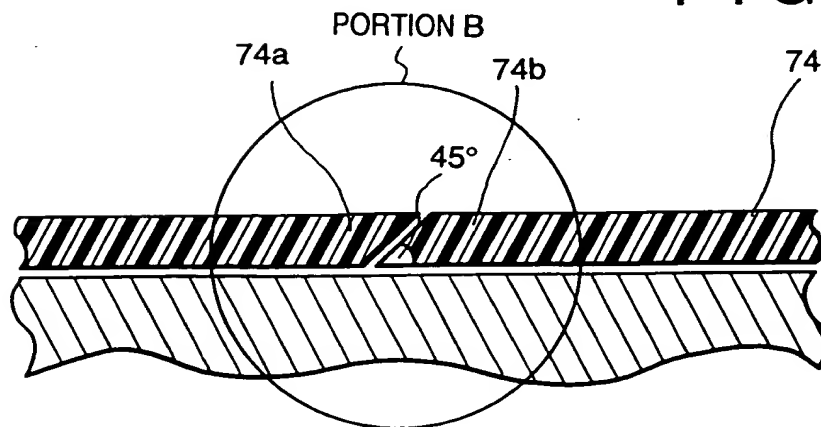




FIG. 40

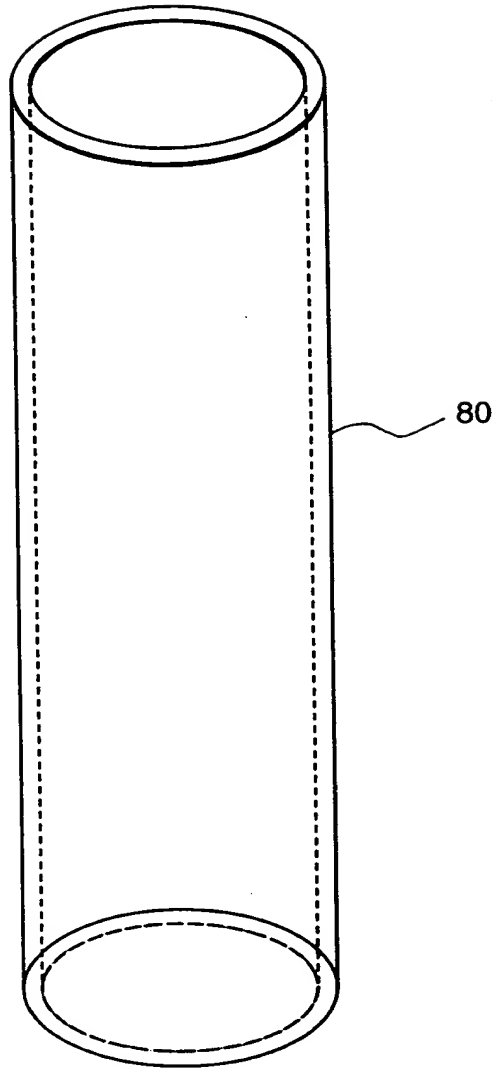


FIG. 40

FIG. 41

MEASURED SAMPLE	TENSILE STRENGTH ( Kg / cm <sup>2</sup> )
TENSILE STRENGTH OF CONNECTED PORTION IN ELEVENTH EMBODIMENT	700 ~ 780
TENSILE STRENGTH OF CONNECTED PORTION IN TWELFTH EMBODIMENT	930 ~ 990
TENSILE STRENGTH OF PEEK FILM ( WITH NO CONNECTED PORTION )	990 ~ 1000

( TEST METHOD : ASTM ; D638, 23°C)

FIG. 42

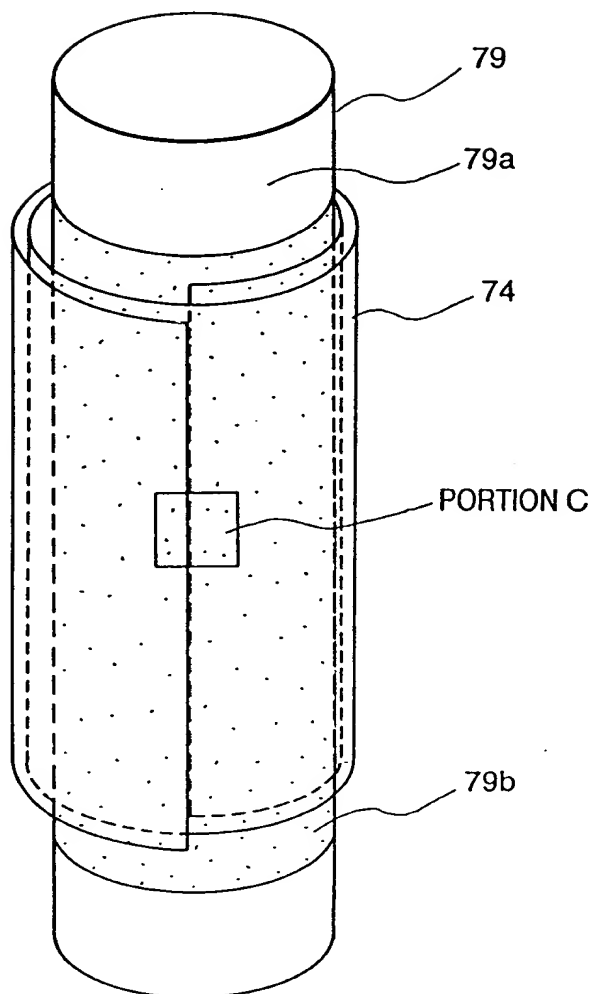


FIG. 43

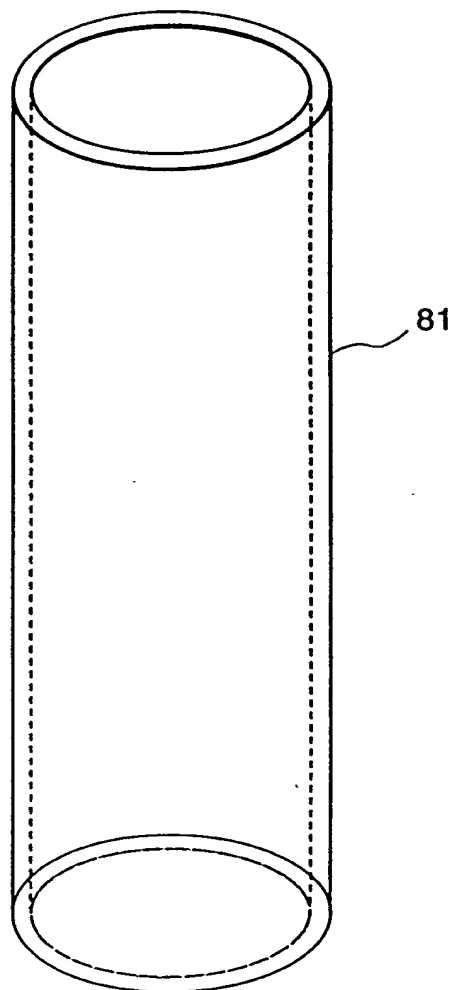


FIG. 44

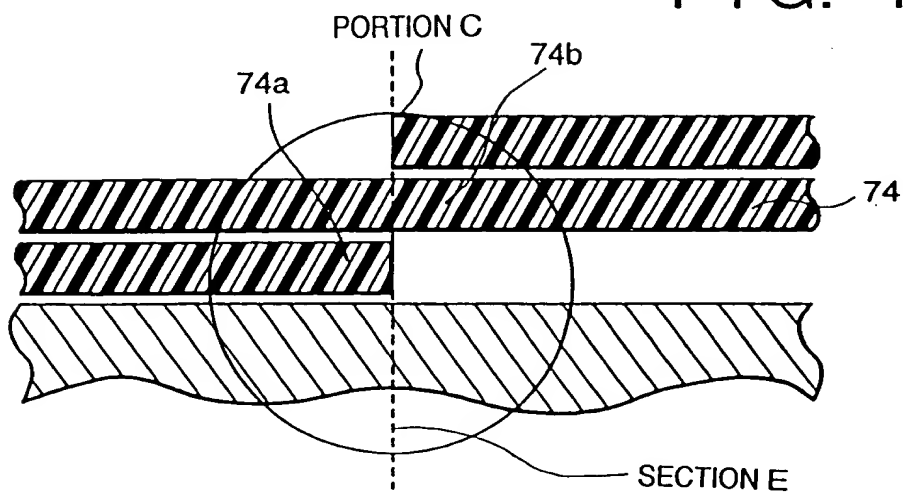


FIG. 45

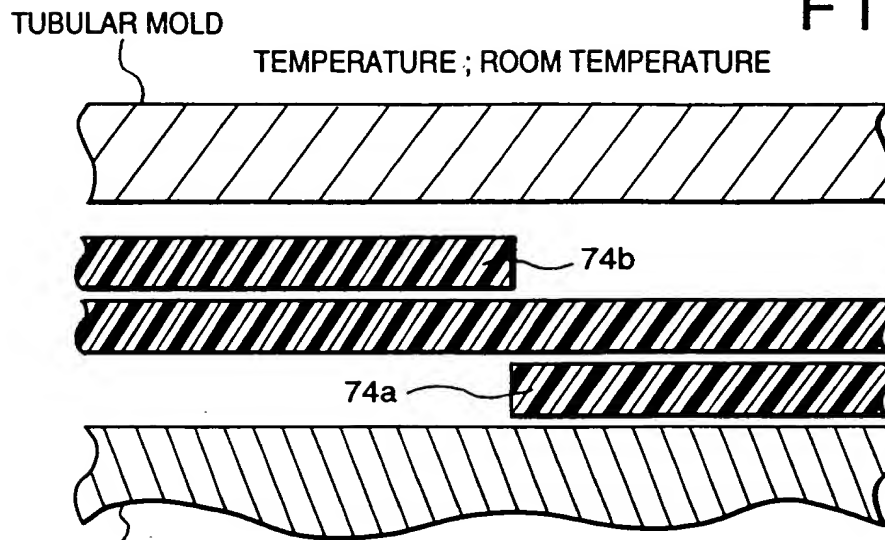


FIG. 46

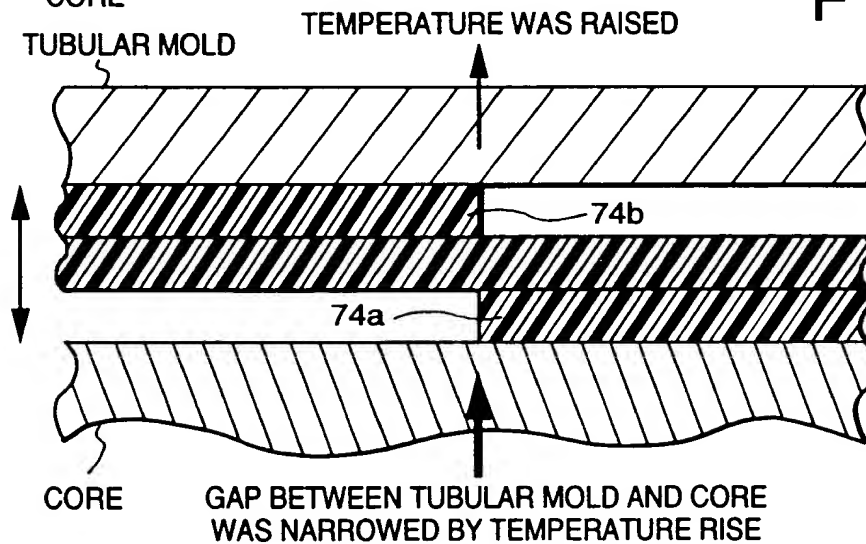


FIG. 47

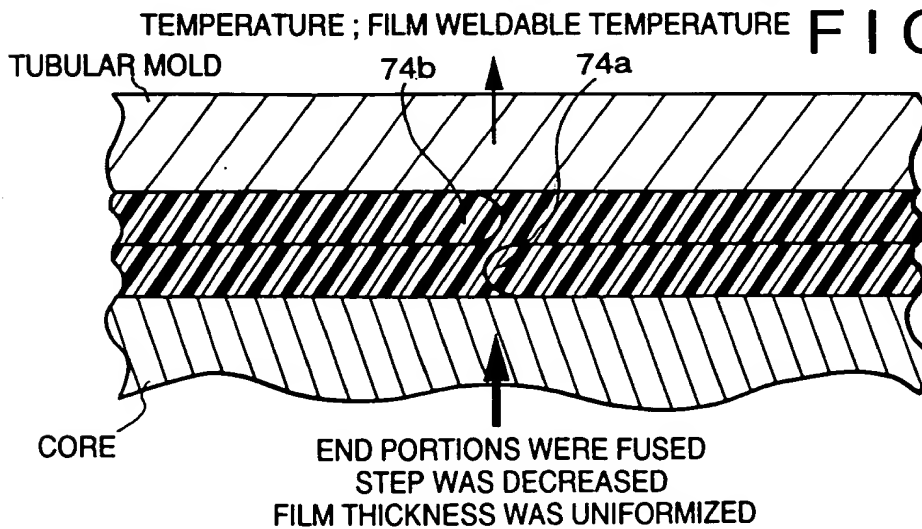


FIG. 48

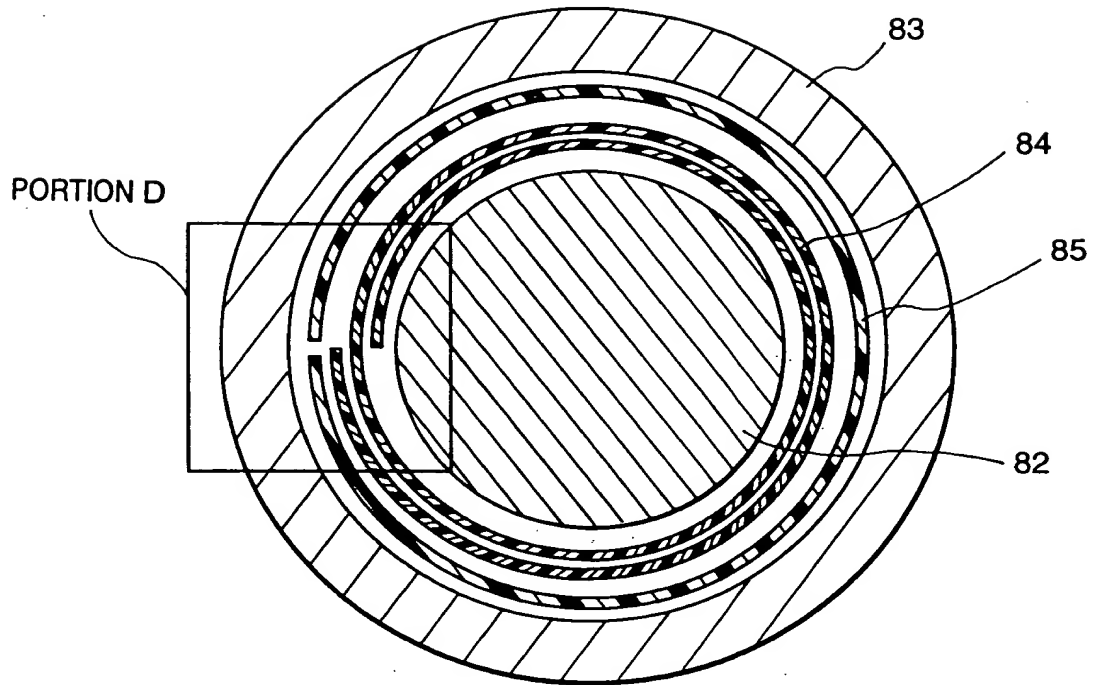


FIG. 49

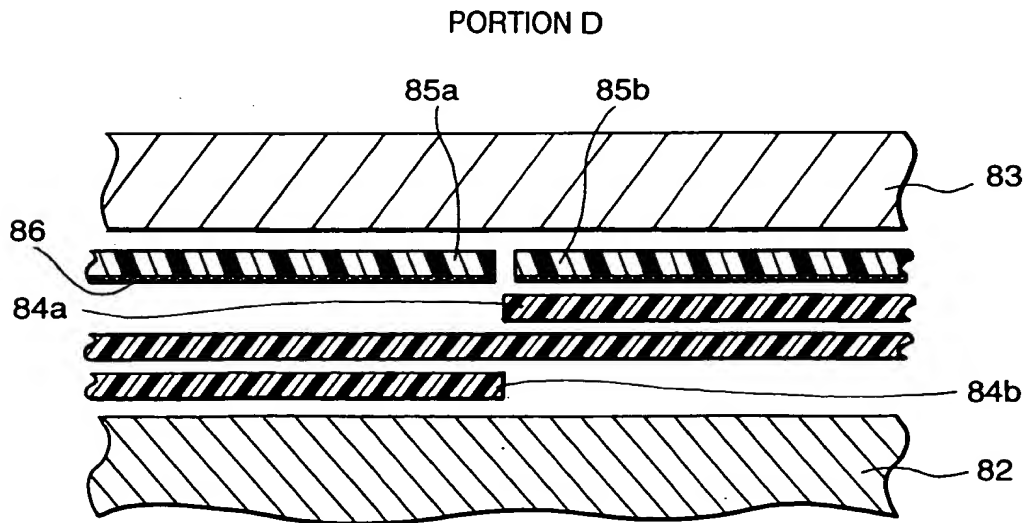


FIG. 50

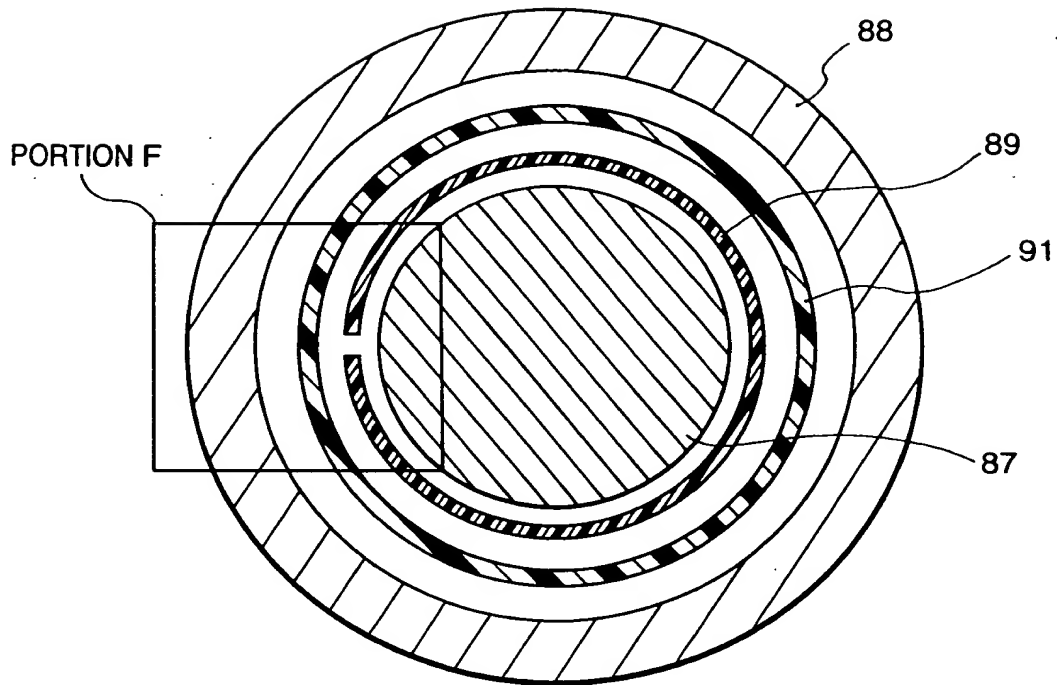


FIG. 51

PORTION F

